			Manag	ement con	cerns		Potential prod	uctivi	ty	
soil name		Erosion	limita-	 Seedling mortal- ity	throw	competi-	I	index	 Volume of wood fiber	
At: Atkins	 6W 	 Slight 	 Severe 	 Severe 	 Moderate 	İ	 American sycamore eastern cottonwood pin oak	 105	143.00	
		 	 	[-		red maple sweetgum			 - -
BwF: Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 	I	 Virginia pine black oak northern red oak 	70	57.00	Norway spruce,
Weikert	3R 	 Severe 	 Severe 	 Moderate 	 Moderate 		 Virginia pine northern red oak 		43.00 	 Virginia pine, eastern white pine, shortleaf pine
Other Soils										
CaC: Cateache	 4A 	 Slight 	 Slight 	 Slight 	 Slight 	ĺ	 black cherry cucumbertree northern red oak	80		black cherry,
CaD: Cateache	 4R 	 Moderate 	 Moderate 	 Slight 	 Moderate 	I	 black cherry cucumbertree northern red oak	80		black cherry,
CbC: Cateache	 4A 	 Slight 	 Slight 	 Slight 	 Slight 	İ	 	80		black cherry,
Berks	 4F 	 Slight 	 Slight 	 Moderate 	 Slight 	I	 Virginia pine black oak northern red oak	70	57.00 57.00 	Norway spruce,
Other Soils					 		 	 		

Print date: 06/04/2002

Table E2. -- Forestland Management and Productivity -- Continued

		I	Manag	ement cond	cerns		Potential prod	uctivi	ty	
Map symbol and soil name		Erosion hazard	limita-	Seedling mortal-		Plant competi- tion		lindex	 Volume of wood fiber	
	; 	'	'	'	'	·	'	'	cu ft/ac	
CbC3:		1	 	 	 		 	 		
Cateache	4A 	Slight 	Slight 	Slight 	Slight 		black cherry cucumbertree			Norway spruce, black cherry,
	į	į	i İ	į	 -		northern red oak			black locust
Berks	 4F	 Slight	 Slight	 Moderate	 Slight				1114.00	 Japanese larch,
						•	black oak northern red oak			Norway spruce,
			 		 		northern red oak	70 		Virginia pine, eastern white
	1									pine, red pine
Other Soils										
CbD:		 	 	 	 		 	 		
Cateache	4R	Moderate	Moderate	Slight	Slight		black_cherry			Norway spruce,
			 	 	 		cucumbertree northern red oak			black cherry, black locust
Berks	 1 4 E	 Moderate	 Modorato	 Moderate	 Cliab+	 Moderate	 	70	 114.00	 Japanese larch,
Delka	41		Moderace	Moderace	 		black oak			Norway spruce,
	1	1		Į.		1	northern red oak	70		Virginia pine,
		 	 	 	 		 	 		eastern white pine, red pine
Other Soils			 	 	 		 	 		
	į	į	į	į	į	į		İ	į	į
Cateache	 4R	 Moderate	 Moderate	 Slight	 Slight	 Moderate	 black cherry	 80	 57.00	 Norway spruce,
	1		<u> </u>	ļ.		•	cucumbertree			black cherry,
			 	l 	 		northern red oak	80 	57.00 	black locust
Berks	4F	Moderate	Moderate	Moderate	Slight					Japanese larch,
			 		 		black oak northern red oak			Norway spruce, Virginia pine,
					! 		 	70		eastern white
	1			1						pine, red pine
Other Soils										
CbF:		 	 	 	 		 	 	 	
Cateache	4R	Severe	Severe	Slight	Slight		black cherry			
			 	[['	cucumbertree			black cherry, black locust
			 		! 			00	37.00	DIGCY TOCUSE

Table E2.--Forestland Management and Productivity--Continued

	 	 	Manag	ement con	cerns		Potential produ	uctivi	ty	
soil name		Erosion hazard	limita-	Seedling mortal-	throw	 Plant competi- tion	Ī	index	 Volume of wood fiber	
	¦		' 	¦	'	¦	 	¦	cu ft/ac	
Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 		 Virginia pine black oak northern red oak 	70	57.00 57.00 	Norway spruce,
Other Soils	 	 	 	 	 		 	 	 	
CbF3: Cateache	 4R 	 Severe 	 Severe 	 Slight 	 Slight 	1	 black cherry cucumbertree northern red oak	80		black cherry,
Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 	1	 Virginia pine black oak northern red oak 	70	57.00 57.00 	Norway spruce,
Other Soils	 	 	 	 	 		 	i 	 	
CkD: Cateache	 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 	1	 black cherry cucumbertree northern red oak	80		black cherry,
Berks	 4F 	 Moderate 	 Moderate 	 Moderate 	 Slight 		 Virginia pine black oak northern red oak 	70	57.00 57.00 	Norway spruce,
Other Soils							 			
CkF: Cateache	 4R 	 Severe 	 Severe 	 Slight 	 Slight 	1	 black cherry cucumbertree northern red oak	80		black cherry,
Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 	İ	 Virginia pine black oak northern red oak 	70	57.00 57.00	 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine

Table E2.--Forestland Management and Productivity--Continued

		 	Manag	ement cond	cerns		Potential produ	uctivi	ty	
Map symbol and soil name		Erosion	limita-	Seedling mortal-		 Plant competi- tion	'	index	 Volume of wood fiber	 Trees to manage
	·	 	 				 	 	cu ft/ac	·
Other Soils										
ClD: Caneyville	 4C 	 Severe 	 Moderate 	 Slight 	Slight	 	 black oak eastern redcedar hickory sugar maple white ash white oak	46 72 64	57.00 43.00 43.00	 eastern white pine, northern red oak, white ash, white oak, yellow poplar
ClF: Caneyville	 4R 	 Severe 	 Severe 		Slight	 	 black oak eastern redcedar hickory	46 72 64	57.00 43.00 43.00	 eastern white pine, northern red oak, white ash, white oak, yellow poplar
Cm: Chagrin	 5A 	 Slight 	 Slight 	 Slight 	Slight	 	 black cherry black walnut northern red oak sugar maple white ash white oak	 86 86 	 72.00 57.00 	 black walnut, eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Holly		 	 				 	 		
CnD: Clymer	 4R 	 Slight 	 Moderate 	 Slight 	 Slight 		 eastern white pine northern red oak yellow poplar	83	57.00	 Virginia pine, black cherry, eastern white pine, yellow poplar
Gilpin	4R 4R 	 Moderate 	 Moderate 	 Slight	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2. -- Forestland Management and Productivity -- Continued

	 	 	Manag	ement con	cerns		Potential prod	uctivi	ty	
		Erosion	limita-	Seedling mortal-		Plant competi- tion		lindex	 Volume of wood fiber	 Trees to manage
		¦	¦	¦	! !	¦	<u> </u>	' !	cu ft/ac	<u> </u>
Other Soils		 	 				 	 		
Co.E.										
CnF: Clymer	 4R 	 Moderate 	 Severe 	 Slight 	 Slight 		 eastern white pine northern red oak yellow poplar 	83	57.00	black cherry,
Gilpin	4R 4R 	 Severe 	 Severe 	 Slight 	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils							 			
CtC: Coolville	 4C 	 Moderate 	 Slight 	 Slight 	 Slight 		black oak sugar maple white ash	68 	57.00 	 eastern white pine, northern red oak, red pine, white ash, white oak,
		 	 	 	 		white oak yellow poplar	•		yellow poplar
Latham	3C 	 Slight 	 Severe 	 Slight 	 Severe 	 Severe 	Virginia pine black oak northern red oak shortleaf pine white oak	 63 	 43.00 	 Virginia pine, eastern white pine, northern red oak, white ash, white oak
Other Soils			 				 	 		
CtD: Coolville	 4R 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 	 	 black cherry black oak sugar maple white ash white oak	68 	57.00 	 eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

			Manag	ement con	cerns		Potential produ	uctivi	ty	
	nation	 Erosion hazard 	ment limita-	Seedling	throw	competi-	Ī	index	 Volume of wood fiber	
	¦	!	! !	!	!	!	!	!	cu ft/ac	
Latham	3R 	 Moderate 	 Severe 	 Slight 	 Severe 	 	 Virginia pine black oak northern red oak white oak	 59	 43.00 	eastern white pine, northern red
Other Soils										
CuF: Culleoka		 	 	 	 	 	 	 	 	
DeC: Dekalb	 3F 	 Slight 	 Slight 	 Moderate 	 Slight 	 Moderate 	 northern red oak 	 57 	 	 Austrian pine, Japanese larch, Virginia pine, eastern white pine, red pine
DeD: Dekalb	 2F 	 Moderate 	 Moderate 	 Moderate 	 Slight 	 Moderate 	 northern red oak 	 52 	l	 Norway spruce, Virginia pine, eastern white pine, white spruce
DgD: Dekalb	 2F 	 Moderate 	 Moderate 	 Moderate 	 Moderate 	 Moderate 	 northern red oak 	 52 	l	 Norway spruce, Virginia pine, eastern white pine, white spruce
Gilpin	4R 	 Moderate 	 Moderate 	 Slight 	 Slight 		 northern red oak yellow poplar 		100.00 	
Jefferson Stony	5R 	 Moderate 	 Moderate 	 Slight 	 Slight 	 	 cucumbertree northern red oak shortleaf pine white oak yellow poplar	85 	57.00 	 eastern white pine, shortleaf pine, white oak, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

	 	 	Manag	ement cond	cerns		Potential produ	uctivi	ty	
soil name	nation	Erosion	limita-	 Seedling mortal- ity	throw	_	İ	index	 Volume of wood fiber	
		'	<u> </u>	<u> </u>	' 	'	'	<u> </u>	cu ft/ac	
Other Soils					 		 			
DgF: Dekalb	 2R 	 Severe 	 Severe 	 Moderate 	 Moderate 	 Moderate 	 northern red oak 	 52 		 Norway spruce, Virginia pine, eastern white pine, white spruce
Gilpin	 4R 	 Severe 	 Severe 	 Slight 	 Slight 		 northern red oak yellow poplar 			
Jefferson Stony	 5R 	 Severe 	Severe 	 Slight 	 Slight 	 	cucumbertree northern red oak shortleaf pine white oak yellow poplar	85 	72.00 	
Other Soils										
DrF: Dekalb	 2R 	 Severe 	 Severe 	 Severe 	 Slight 	 Moderate 	 northern red oak 	 52 	I	 Norway spruce, Virginia pine, eastern white pine, white spruce
Rock Outcrop										
Other Soils					 		 	 		
ErB: Ernest	 4W 	 Slight 	 Moderate 	 Slight 	 Slight 	 	 black cherry black walnut northern red oak sugar maple white ash	 80 80 80	 57.00 57.00 57.00	 Japanese larch, Norway spruce, eastern white pine
Atkins	 	 			 	 	 	 		

Table E2. -- Forestland Management and Productivity -- Continued

	 	[[Manag	ement cond	cerns		Potential prod	uctivi	ty	
soil name		Erosion	limita-	Seedling mortal-	throw	 Plant competi- tion	İ	lindex	 Volume of wood fiber	
	 				 			¦	cu ft/ac	
ErC:	 4₩	 Moderate	 Moderate	 Slight	 Sliaht	 Moderate	 black_cherrv	 80	 57.00	 Japanese larch.
							black walnut			
	İ	j	ĺ	ĺ			northern red oak			
		I	I	I	l	1	sugar maple	80	57.00	Ī
			I	I	l	1	white ash	80	57.00	1
	1						yellow poplar	89	86.00	
Atkins										
ErD:	1	 	 	 	 		 	 	 	
Ernest	4W	Severe	 Moderate	Slight	Slight	Moderate	black cherry	80	57.00	Japanese larch,
	İ	Ì	ĺ	İ		İ	black walnut			Norway spruce,
			I	I	l	1	northern red oak	80	57.00	eastern white pine
		I	I	I	l	1	sugar maple	80	57.00	1
			I	I	l	1	white ash	80	57.00	1
	1		1	1	 		yellow poplar	89	86.00	
EuC:					 		 			
Ernest	4W	Slight	Moderate	Slight 	Slight 		black cherry black walnut			
	i	i I	i	i	' 		northern red oak			
	i		i	i	! 		sugar maple			l edgeeth miles pine
	i		i	i	! 		white ash			İ
	i	İ	i	i	I		yellow poplar		•	İ
7111	į	į	İ	İ		į				
Atkins					 		 			
Buchanan Stony	4A 	Slight 	Slight 	Slight 	Slight 		northern red oak yellow poplar 		86.00 	
EuD:	1 457	 Madanal	 Madass		 01	Madazak	 		 	
Ernest	4W	Moderate	Moderate	Slight	Slight					
	1	1	I I	I I	 		black walnut northern red oak			
	1	1	1	1	 		northern red oak sugar maple			eastern white pine
	1	1	I I	I I	 		sugar maple white ash			1
	1	I I	I I	I I	 		vellow poplar		•	1 1
	1	1	1	1		1	I ACTIOM PODIAL	1 09	1 00.00	1

Table E2.--Forestland Management and Productivity--Continued

			Manag	ement con	cerns		Potential prod	uctivi	ty	
soil name		Erosion	limita-	Seedling mortal-	throw	 Plant competi- tion	İ	index	 Volume of wood fiber	
Buchanan Stony	4R 	 	 Moderate 	 	 Slight 		 northern red oak yellow poplar 	 80	86.00 	
Other Soils	 									
FcD: Frederick	 		 	 	 		 	 		
FcF: Frederick	 		 	 	 		 	 		
FkC: Frederick	 4C 	 Slight 	 Moderate 	 Slight 	 Slight 		 black locust black walnut northern red oak white oak yellow poplar	76 76 76	57.00 57.00 57.00	 Scotch pine, black walnut, eastern white pine, yellow poplar
FrC: Frederick	4C 	 Slight 	 Moderate 	 Moderate 	 Slight 	 	 black locust black walnut northern red oak white oak yellow poplar	76 76 76	57.00 57.00 57.00	 Scotch pine, black walnut, eastern white pine, yellow poplar
FrD: Frederick	 	 	 	 	 		 	 	 	
FrF: Frederick	 		 	 	 		 	 		
GaB: Gilpin	 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 northern red oak yellow poplar 		100.00	 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2. -- Forestland Management and Productivity -- Continued

	1	1	Manag	ement con	cerns		Potential prod	uctivi	ty	
soil name		Erosion	limita-	Seedling mortal-		Plant competi-		lindex	 Volume of wood fiber	Trees to manage
	 		 	 	 	 	 	! 	 cu_ft/ac	
GaC: Gilpin	4A 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 northern red oak yellow poplar 		100.00	 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
GaD: Gilpin	 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 		 northern red oak yellow poplar 		100.00	 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
GbC: Gilpin	 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Berks	 4F 	 Slight 	 Slight 	 Moderate 	 Slight 	1	 Virginia pine black oak northern red oak 	70	57.00	 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils		 	 	 	 		 	 	 	
GbC3: Gilpin	4A 	 Slight 	 Slight 	 Slight 	 Slight 		 northern red oak yellow poplar 		100.00	 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

		 	Manage	ement cond	cerns		Potential produ	uctivi	ty	
soil name		 Erosion hazard 		Seedling mortal-		Plant competi- tion	•	index	 Volume of wood fiber	
Berks		 Slight 	 Slight 	 Moderate 	 Slight 	1	 	70 70		 - Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils		 	 	 	 		 	 		
GbD: Gilpin	 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Berks	 4F 	 Moderate 	 Moderate 	 Moderate 	 Slight 		 Virginia pine black oak northern red oak 	70		 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils	 	 	 	 	 		 	 	 	
GbD3: Gilpin	 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Berks	 4F 	 Moderate 	 Moderate 	 Moderate 	 Slight 	Ì	 Virginia pine black oak northern red oak 	70		 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Other Soils	 	 	 	 	 		 	 	 	

Table E2. -- Forestland Management and Productivity -- Continued

			Manag	ement cond	cerns		Potential produ	uctivi	ty	
soil name		Erosion	limita-	 Seedling mortal- ity		 Plant competi- tion		lindex	 Volume of wood fiber	 Trees to manage
		 	 		 	.	 	' 	cu ft/ac	
GbF: Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 		 Virginia pine black oak			 Japanese larch, Norway spruce,
	 	 	 	 	 	 	northern red oak	70 	57.00 	Virginia pine, eastern white pine, red pine
Gilpin	4R 	 Severe 	 Severe 	 Slight 	 Slight 		 northern red oak yellow poplar 			Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils		 			 		 			
GbF3: Berks	 4R 	 Severe 	 Severe 	 Moderate 	 Slight 	1	 Virginia pine black oak northern red oak 	70	 114.00 57.00 57.00	 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
Gilpin	4R 	 Severe 	 Severe 	 Slight 	 Slight 		 northern red oak yellow poplar 			Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils		 			 		 	 		
JsD: Jefferson	 5R 	 Moderate 	 Moderate 	 Slight 	 Slight 	 	 cucumbertree northern red oak shortleaf pine white oak	85 	72.00	 eastern white pine, shortleaf pine, white oak, yellow poplar

Table E2. -- Forestland Management and Productivity -- Continued

		Management concerns					Potential prod			
soil name na		Erosion	limita-	Seedling mortal-		Plant competi- tion		lindex	 Volume of wood fiber	
	' 	' 	' 	' 	' 	' 		' 	cu ft/ac	
JsF: Jefferson	 5R 	 Severe 	 Severe 	 Slight 	 Slight 	 	 cucumbertree northern red oak shortleaf pine white oak yellow poplar	85 	72.00 	 eastern white pine, shortleaf pine, white oak, yellow poplar
Ka:		 	 	 	 	 	 			
Kanawha	4A 	Slight 	Slight 	Slight 	Slight - - - - -	 	black locust black oak black walnut northern red oak white ash white oak yellow poplar	80 80 80 80	57.00 57.00 57.00 57.00	Norway spruce, black locust, black walnut, eastern white pine, yellow poplar
LdF: Lehew	 3R 	 Severe 	 Severe 	 Severe 	 Slight 	İ	 Virginia pine eastern white pine northern red oak			 Japanese larch, Virginia pine, eastern white pine
Dekalb	 2R 	 Moderate 	 Moderate 	 Moderate 	 Slight 	 Moderate 	 northern red oak 	 52 	 29.00 	 Norway spruce, Virginia pine, eastern white pine, white spruce
Other Soils		 		 	 		 	 		
LlB: Lily	 4A 	 Slight 	Slight 	 Slight 	 Slight 	- 		 74 64 63 65 69	 57.00 43.00 100.00 43.00 57.00	 Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar

Table E2. -- Forestland Management and Productivity -- Continued

			Manag	ement con	cerns		Potential productivity			
soil name natio		Erosion	limita-	 Seedling mortal- ity	throw	Plant competi- tion	Ī	lindex	 Volume of wood fiber	
	¦					¦			cu ft/ac	1
LlC:	 4A	 Slight	 Slight	 Slight	 Slight		 Virginia pine black oak			 Virginia pine, eastern white
	i		İ			İ	chestnut oak	74	57.00	pine, northern red
							hickory			oak, shortleaf
	1		 	1	 	•	northern red oak			pine, white oak, yellow poplar
	i		İ	İ	1		scarlet oak			
	i	İ	i	İ			shortleaf pine			i
	1		I		I		white oak	69	57.00	I
	1		1				yellow poplar	89	86.00	1
LlD:	1		 	 	 		 	 	 	
Lily	4A	Moderate	Moderate	Slight	Slight		Virginia pine			Virginia pine,
			I		I	•	black oak			eastern white
		1	1	1	1		chestnut oak			pine, northern red
							hickory northern red oak			oak, shortleaf
	1	l I	1	1	 	•	red maple			pine, white oak, yellow poplar
	1	I I	I I	I I	I I		scarlet oak			Aeiiom bobiai
	i		i	İ	İ		shortleaf pine			i
	i	İ	i	i	i I		white oak			i
	İ	İ	ĺ		İ	İ	yellow poplar	89	86.00	į
Lo:	1	 	 		 	1			 	
Lobdell	5A	Slight	Slight	Slight	Slight	Severe	black cherry			eastern white pine,
			I			•	northern red oak			northern red oak,
	1		I		I		sugar maple			red pine, white
	!		!				white ash			ash, white oak,
	1	l I	1	1	 	•	white oak yellow poplar			yellow poplar
							 	90	1100.00	
Holly	i		·	i		i			i	i
MqB:										
Monongahela	1 4A	 Sliaht	 Sliaht	 Sliaht	 Sliaht	Severe	 Virginia pine	I 66	1100.00	 Japanese larch,
- 9					. ,		black walnut			Virginia pine,
	1	1					eastern white pine			black cherry,
	1	I		I		•	northern red oak			eastern white
	1					•	white ash			pine, yellow
			I				yellow poplar	85	86.00	poplar

Table E2. -- Forestland Management and Productivity -- Continued

soil name nat	1	 	Manage	ement con	cerns		Potential prod			
		Erosion	limita-	Seedling		 Plant competi- tion		index	 Volume of wood fiber	
	¦	 	! 	 	 	·	 	' 	cu ft/ac	'
MgC: Monongahela	 4A 	 Moderate 	 Slight 	 Slight 	 Slight 	 	black walnut eastern white pine northern red oak white ash	 72 70 	 129.00 57.00 	 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow
		 	 	 	 		yellow poplar	85 	86.00 	poplar
MsD: Murrill	4R 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 	 	black walnut black walnut eastern white pine northern red oak white ash yellow poplar	80 72 70	143.00 57.00 43.00	 Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MsF: Murrill	 4R 	 Severe 	 Severe 	 Slight 	 Slight 	 	 black walnut eastern white pine northern red oak white ash yellow poplar	80 72 70	143.00	 Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MuC: Murrill	 4A 	 Slight 	 Slight 	 Slight 	 Slight 	 	 black walnut eastern white pine northern red oak white ash yellow poplar	80 72 70		 Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar
MuD: Murrill	4R 	 Moderate 	 Moderate 	 Slight 	Slight 	 	 black walnut eastern white pine northern red oak white ash yellow poplar	80 72 70	143.00 57.00	 Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

	 	 	Manag	gement con	cerns		Potential productivity			 	
soil name nat		Erosion	limita-	 Seedling mortal- ity	throw	_	İ	index	 Volume of wood fiber		
	 	 	.l 	-		_ <u> </u>	 	 	 cu ft/ac	 	
Oa: Orrville	 5A 	 Slight 	 Slight 	 Slight 	 Slight 	 		80 85 80 	57.00 72.00 57.00 	 Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce,	
Holly		 			 		 	 	 	yellow poplar	
Ob:								 -			
Orrville	5A 	Slight 	Slight 	Slight	Slight 	 	black cherry northern red oak pin oak sugar maple white ash yellow poplar	80 85 80 	57.00 72.00 57.00 	Norway spruce, Scotch pine, eastern white pine, green ash, northern red oak, red pine, white ash, white oak, white spruce, yellow poplar	
Lobdell	5A 	 Slight 	Slight 	Slight 	 Slight 	 	black cherry horthern red oak sugar maple white ash white oak yellow poplar	87 	72.00 	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar	
Other Soils										 	
Holly								 	 	 	
ShB: Shouns	 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 eastern white pine loblolly pine northern red oak yellow poplar	80 70	114.00 57.00	 eastern white pine, loblolly pine, shortleaf pine, yellow poplar	

Table E2.--Forestland Management and Productivity--Continued

	 	 	Manag	ement cond	cerns		Potential produ	ty	 	
soil name natio		Erosion	limita-	 Seedling mortal- ity	throw	_	İ	index	 Volume of wood fiber	
	¦	' 	 		' 		 	¦	cu ft/ac	
ShC: Shouns	 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 	80 70	114.00 57.00	loblolly pine, shortleaf pine,
ShD: Shouns		 	 		 		 	 	 	
StC: Shouns	 4A 	 Slight 	 Slight 	 Slight 	 Slight 		 eastern white pine loblolly pine northern red oak yellow poplar	80 70	114.00 57.00	loblolly pine, shortleaf pine,
StD: Shouns	 	 	 		 		 	 	 	
TtB: Tilsit	 4A 	 Moderate 	 Slight 	 Slight 	 Slight 	İ	 	74	57.00	 - eastern white pine, shortleaf pine, white oak, vellow
	 	 	 	 	 	 		65 67 67 74 74 72	43.00 57.00 114.00 57.00	white dax, yellow poplar
TtC: Tilsit	 4A 	 Moderate 	 Slight 	 Slight 	 Slight 	 		74 65 67 74 72 68	57.00 43.00 57.00 114.00 57.00	 eastern white pine, shortleaf pine, white oak, yellow poplar
Tv: Tygart Variant	 	 	 	 	 	 	 popular	 	 	

Table E2.--Forestland Management and Productivity--Continued

	 	 	Manag	ement cond	cerns		Potential produ	uctivi	ty		
soil name n		Erosion		Seedling mortal-		Plant competi- tion		lindex	 Volume of wood fiber		
	<u> </u>	'	'		· 			'	cu ft/ac		
Purdy							 			 	
U1: Udorthents		 	 		 		 	 	 	 	
U2: Udorthents	 	 	 		 	 	 	 	 	 	
U3: Udorthents	 	 	 		 	 	 	 	 	 	
Wet Minesoil											
U4: Udorthents			 				 	 		 	
Wet Minesoil							 				
Ud: Psamments			 				 	 		 	
Udifluvents							 			 	
UeC: Urban Land			 		 		 	 		 	
Other Soils											
Ernest	4W 	 Moderate 	 Moderate 	 Slight 	Slight	 	 black cherry black walnut northern red oak sugar maple white ash yellow poplar	 80 80 80	 57.00 57.00 57.00	 Japanese larch, Norway spruce, eastern white pine 	
UfD: Urban Land		 	 		 		 	 	 	 	
Frederick	 		 				 	 		 	
Other Soils			 		 		 			 	
UgE: Urban Land	 	 	 	 	 	 	 	 	 	 	

Table E2. -- Forestland Management and Productivity -- Continued

	 [Manage	ement cond	cerns		Potential produ	ty	 	
soil name nat		Erosion		 Seedling mortal- ity		Plant competi- tion	•	index	 Volume of wood fiber	 Trees to manage
	' 	' <u></u> 	' 	' 	' 	 	 	' ===== 	cu ft/ac	
Other Soils										
Gilpin	4R 	 Moderate 	 Moderate 	 Slight 	 Slight 		 northern red oak yellow poplar 			 Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Berks	 4F 	 Moderate 	 Moderate 	 Moderate 	 Slight 	İ	 Virginia pine black oak northern red oak 	70		 Japanese larch, Norway spruce, Virginia pine, eastern white pine, red pine
UlC:		 	 	 	 			 		
Urban Land		 	 	 	 		 	 		
Other Soils										
Lily	4A 	 Slight 	 Slight 	 Slight 	 Slight 	 	 Virginia pine black oak	 74 65 64 63 69	 57.00 43.00 43.00 100.00 57.00	 Virginia pine, eastern white pine, northern red oak, shortleaf pine, white oak, yellow poplar
UmD: Urban Land	 	 	 	 	 		 	 	 	
Other Soils										
Murrill	4R 4R 	 Moderate 	 Moderate 	 Slight 	 Slight 	i I I	 black walnut eastern white pine northern red oak white ash yellow poplar	80 72 70		 Japanese larch, Norway spruce, black walnut, eastern white pine, yellow poplar

Table E2. -- Forestland Management and Productivity -- Continued

soil name nati	 	 	Manag	ement con	cerns		Potential produ			
		Erosion hazard	limita-	 Seedling mortal- ity	throw	competi-	I	lindex	 Volume of wood fiber	 Trees to manage
								 	cu ft/ac	<u> </u>
Uo:		 	 		 			 		[[
Urban Land	i	i						i		i
Other Soils					 					
Orrville	 5A 	 Slight 	 Slight 	 Slight 	 Slight 	 		80 85 80 	57.00 72.00 57.00 86.00	Scotch pine, eastern white pine, green ash, northern red oak, red pine, white
Lobdell	 5A 	 Slight 	 Slight 	 Slight 	 Slight 	 	 black cherry northern red oak sugar maple white ash white oak yellow poplar	87 	72.00 	 eastern white pine northern red oak, red pine, white
W: Water	 	 	 	 	 	 	 	 	 	
WeC: Westmoreland	 4A 	 Moderate 	 Slight 	 Slight 	 Slight 	1	 	75	57.00 86.00	eastern white
WeD: Westmoreland	 4R 	 Severe 	 Moderate 	 Slight 	 Slight 	1	 	81	57.00 86.00	eastern white
WeF: Westmoreland	 4R 	 Severe 	 Severe 	 Slight 	 Slight 	1	 	81	57.00 86.00	eastern white